

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 April 2004 (15.04.2004)

PCT

(10) International Publication Number
WO 2004/030736 A1

(51) International Patent Classification⁷: **A61M 16/06**,
A62B 9/04, 18/08

(21) International Application Number:
PCT/NZ2003/000206

(22) International Filing Date:
15 September 2003 (15.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
521744 2 October 2002 (02.10.2002) NZ

(71) Applicant (for all designated States except US): **FISHER & PAYKEL HEALTHCARE LIMITED** [NZ/NZ]; P.O. Box 14348, Panmure, Auckland, 15 Maurice Paykel Place, East Tamaki, Auckland 1006 (NZ).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GRADON, Lewis, George** [NZ/NZ]; 22 Brailsford Copurt, Howick, Auckland 1705 (NZ). **MCAULEY, Alastair, Edwin** [NZ/NZ]; 5/27 Lucerne Road, Remuera, 1005 Auckland (NZ).

NIGHTINGALE, Christopher, Earl [NZ/NZ]; P.O. Box 25048way 17, St. Heliers, C/15 Maurice Paykel Place, 1311 Auckland (NZ). **MILIVOJEVIC, Ivan** [NZ/NZ]; 221B Lake Road, Takapuna, 1309 Auckland (NZ). **SHOT-BOLT, Aiden, Mark** [NZ/NZ]; 1/2 Dalwhinnie Parade, Highland Park, 1705 Auckland (NZ).

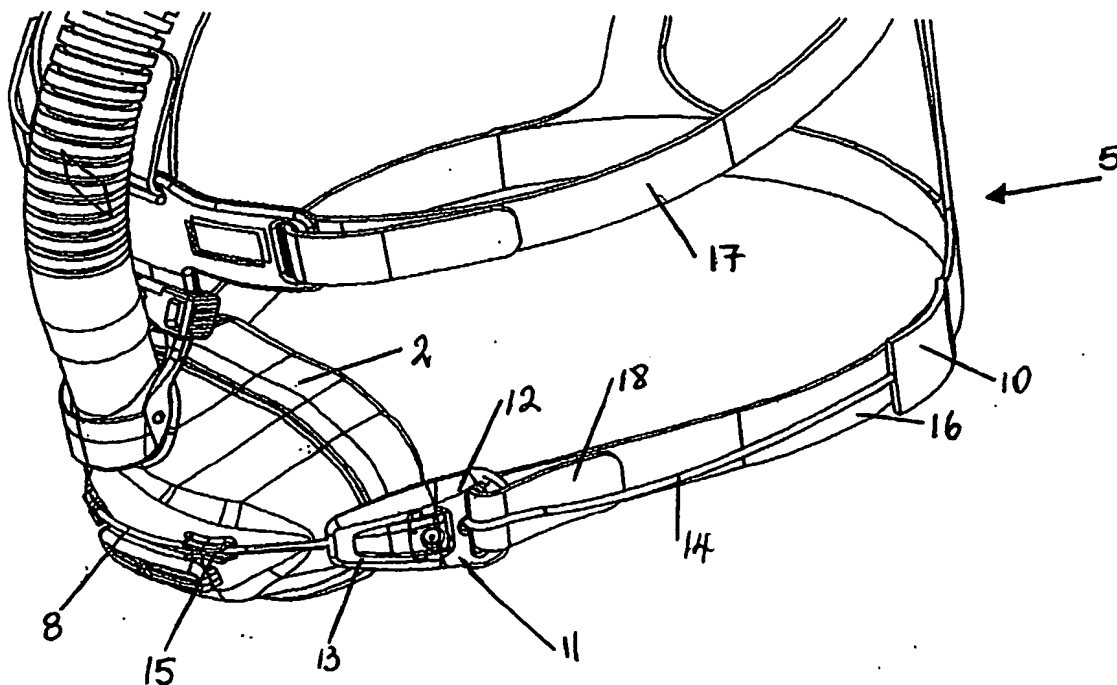
(74) Agents: **ADAMS, Matthew, D.** et al.; A J Park, 6th Floor Huddart Parker Building, Post Office Square, PO Box 949, 6015 Wellington (NZ).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: RELEASE MECHANISM FOR MASKS



(57) Abstract: Mask (2) and headgear (5) have quick release mechanism. In emergency, patient pulls release cord (14) causing mask to fall from face. Can be used for general respiratory care or with a ventilator. Can be used in aviation, mining or firefighting.

BEST AVAILABLE COPY